

SOFTWARE USER MANUAL

Digital 'Interference Free' Wireless Range



IQW200DVR
SOFTWARE

Before you begin

- This manual contains important information about this product's operation.
- Please read before using or installing the Wireless Range DVR Software

PLEASE NOTE: Camera and Receiver units are sold separately.

RoHS
Compliant



Software Manual for the Digital 'Interference Free' Receiver & USB DVR

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1. Installation

PLEASE NOTE:

- Ensure the USB connection is disconnected during installation.
- Installation steps may differ depending on the version of Windows being used.
- After installation, DO NOT to run the Software BEFORE plugging in Receiver.

1. Insert Software CD into the CD/DVD drive of your PC.

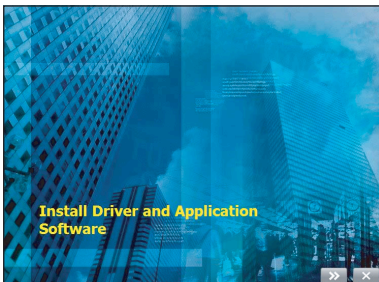
A setup screen will appear automatically (see below). If it does not appear, double click the CD icon in 'My Computer' to start the installation process manually.



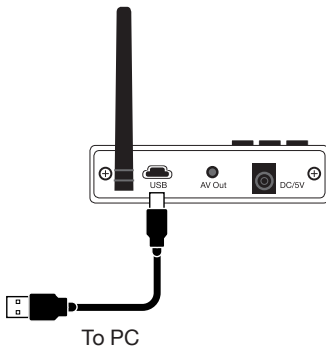
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2. Install Software.

Begin by selecting the language desired then following the on screen steps until the software has been successfully installed. Click 'Finish' to leave Setup after the driver has been installed.



3. Connect the Receiver to the Computer via the USB port.



PLEASE NOTE:

- Keep the AV Out and 5V DC Power input UNPLUGGED during PC connection
- Connect directly to the PC and NOT via a USB hub.

4. Launch Software by clicking on the desktop icon.

5. Register the Software (first time operation only) or leave blank for later registration.

The Registration name and code are available on the installation disk came with the original product purchased. Unregistered versions will limit the user to trial the application for one hour.



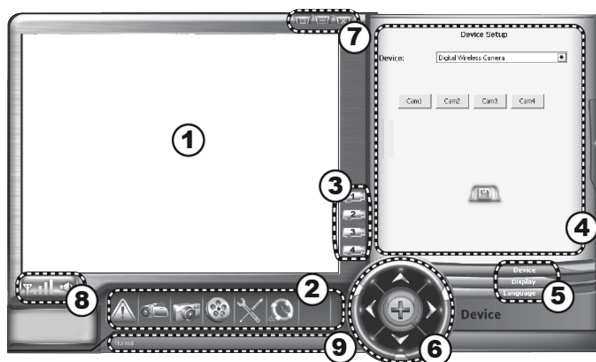
6. Set USB device as 'Digital Wireless Camera'.

Click on the 'Device, Display, Language' icon on the Tool bar; click on DEVICE and select 'Digital Wireless Camera' from drop down list. Click SAVE to save and activate.

7. Locate Camera Channel(s).

By default, the system will locate Channel 1 automatically. Existing camera(s) may be assigned to other channel (s). Camera(s) not yet paired will result in a blank screen. Please refer 'Device Setup - Pairing Cameras' for more information.

2. Main Operating Window



1. Camera Display Window

Double click the window to resize the display window to full screen/regular size.

2. Tool Bar

Security Setup	Video Capture	Photo Snapshot	Event List	Device, Display Language	About Registration

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Click on the icon once to activate the corresponding Configuration Window on the right.

3. Camera Selection Bar

4. Configuration Window

5. Configuration Sub Tag

6. Pan / Tilt / Zoom Digital Control Panel (Digital Pan & Tilt is for Zoom In mode only).

Zoom IN	Zoom OUT	Pan Left	Pan Right	Tilt Up	Tilt Down

7. Window Placement Control

Minimize to System Tray (Right Bottom Corner)	Minimize Program (to Task Bar)	Close Program

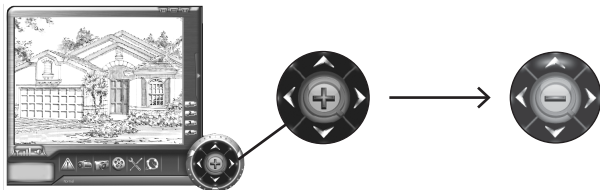
8. Signal Strength / Alarm Indicator

In Yellow - Indicates signal strength range (1-4). In Red - Indicates connection is unavailable
Click on Alarm Indicator to mute/activate Alarm sound when Motion Detection is activated.

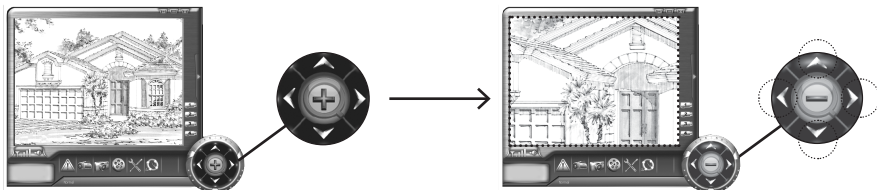
9. Status Bar

3. Basic Operation

- Use +/- buttons to Zoom IN and OUT



- During Zoom In mode, use the Control Panel to perform digital image

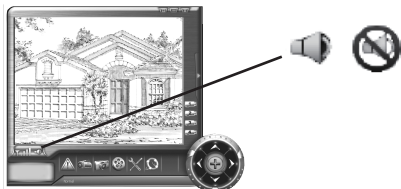


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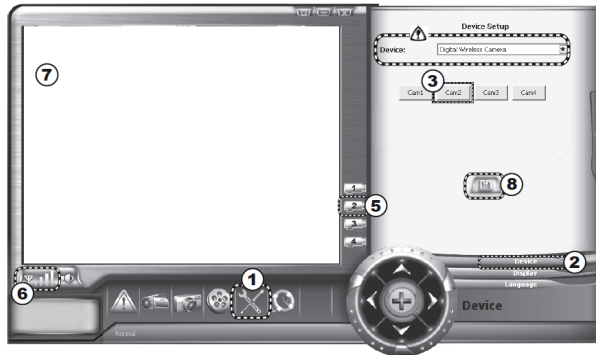
- Click on camera icon to select display channel manually (multi-camera system). For camera pairing, please see 'Device Setup - Pairing Cameras'.



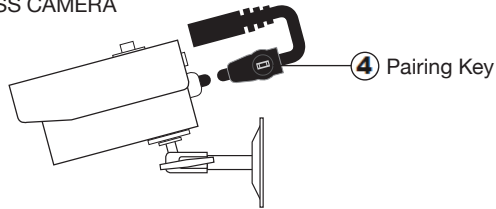
- Click on the speaker icon to mute/activate the 'Motion Detection Alarm' sound. To set up alarm sound, see 'Security Setup - Motion Sensor'



4. Device Setup - Pairing Cameras

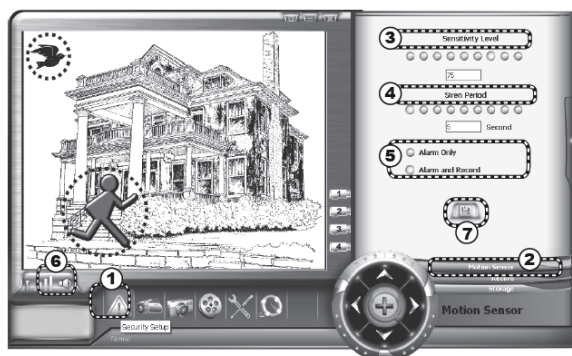


WIRELESS CAMERA



1. Click on 'Device, Display, Language' icon to activate configuration window on the right.
2. Click on 'Device' tag.
Make sure the device is assigned to 'Digital Wireless Camera'. Press 'Save' button to save and activate the change of device.
For proper display and operation, only set device as 'Digital Wireless Camera'.
3. Click on desired camera channel for camera pairing, system will begin a 60 second count down.
4. Within 60 seconds, press 'Pairing Key' locating on the camera itself (see diagram above).
5. Once pairing is complete, the system will locate the paired camera channel and the image from camera will appear automatically.
6. Click on 'Signal Strength Indicator' to check if the camera at the mounting location has good reception.
7. The Display Window will display the image from any newly paired camera.
8. Press the 'Save' button to save and activate 'System Start-up'.

5. Security Setup – Motion Sensor



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1. Click on the 'Security Setup' icon to activate the configuration window on the right.
2. Click on the 'Motion Sensor' tab.
3. Set up the 'Sensitivity Level' by click on corresponding indicator from 0 to 100. Slight or distant movement (flying bird) can be ignored by lowering the sensitivity; larger or close up movement (people passing through) can be detected by raising sensitivity.
4. Set up the 'Siren Period' from 5 to 45 seconds, every time the system detects movement the 'Motion Detection Alarm' will be set off and will last according to user setting. Computer speaker and audio card need to be ON enable proper functioning .
5. Set up system action you require when the movement is detected.
6. Click on the speaker icon to mute/activate the 'Motion Detection Alarm' sound.
7. Press the 'Save' button to save and activate 'Motion Sensor' changes.

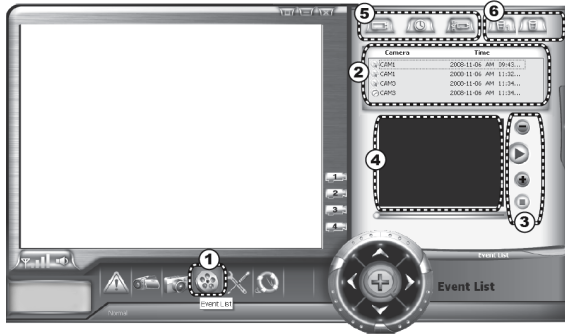
PLEASE NOTE: To set up 'Motion Sensor' operation properly, 'Record Schedule' setup is required. See 'Record Schedule'.

6. Security Setup – Record Schedule



1. Click on 'Security Setup' icon to activate configuration window on the right.
2. Click on the 'Record' tab.
3. Click on specific time segment once for Continuous Schedule recording (blue square); twice for Motion Detection recording (red circle) and three times for no recording (empty). Each time segment represents a period of 2 hours.
4. Click on the camera box (below the time segment selected for recording) once or multiple times, until the required channel number is showing. The system will switch to the channel number selected for recording (system picks up one camera at a time) only. After setting up the channel number(s), the system will switch to the assigned channel automatically after 3 minutes idle time.
5. Set up recording file format and resolution, the settings take effect on every schedule. Resolution setting will also take effect on Display Window.
6. Press the 'Save' button to save and activate 'Recording Schedule' changes.

7. Event List



1. Click on the 'Event List' icon to activate the configuration window on the right.
2. Click on files in the list to select and play back video clip.
3. Use control bar to play back.

Play	Pause / Stop	Rewind	Fast Forward

4. Video clip will play back in the Display Window. Double click to play back in full screen mode
5. Sort files in the list by using the file sorting icons.

Sort by Camera Name	Sort by Time	Sort by Mode

6. Use trash bin icons to delete file(s).

Delete selected file	Delete all files in the list

PLEASE NOTE:

- To locate the video clip files storing in computer HDD, go to 'Security Setup', click on 'Storage' tab, and the system will show the default folder path.
- Video clips are compressed by popular open-source XVID codec, if you intend to play video clips using other media players, e.g. Windows Media Player, make sure the XVID codec is installed properly. (The XVID decoder is also available on the installation CD provided with the DVR.)

8. Video Capture



1. Click on the 'Video Capture' icon to activate the configuration window on the right.
2. Use the control bar to record and play back manually. The system records video files from images displaying in the Display Window.

(Blue) REC (Red) Stop Rec	Play	Pause / Stop	Rewind	Fast Forward

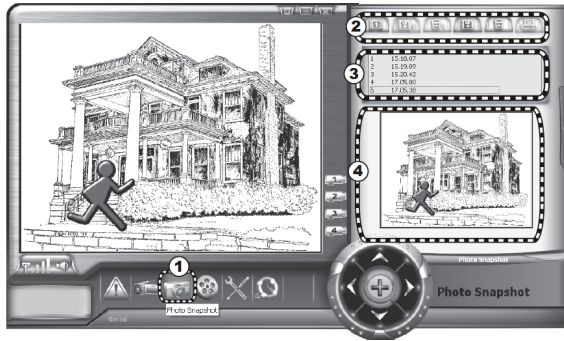
3. Video clip will play back in the Display Window. Double click to play back in full screen mode
4. Use the following function icons to proceed with next action:

Save recorded video clip as a new file	Delete recorded video clip

PLEASE NOTE:

- The recorded video clip(s) will be stored in file path specified & displayed in the Event list.
- Video clips are compressed by popular open-source XVID codec, if you intend to play video clips using other media players, e.g. Windows Media Player, make sure the XVID codec is installed properly. (The XVID decoder is also available on the installation CD provided with the DVR.

9. Photo Snapshot



1. Click on the 'Photo Snapshot' icon to activate the configuration window on the right.
2. Use control bar to capture image manually. The system snapshots the image displayed in the main Display Window.

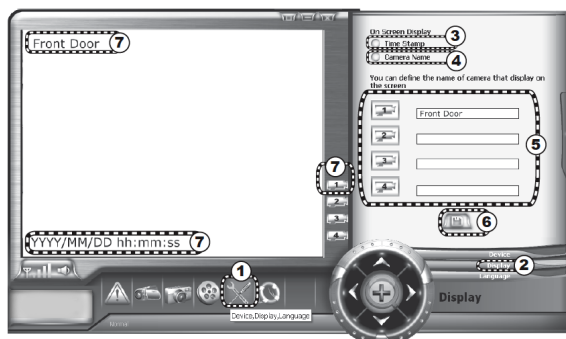
Snapshot image.	Save snapshot as a new file.	Delete selected snapshot.	Save all snapshots in the list.	Delete all snapshots in the list.	Print up selected snapshot. (if available)

3. Shows **Snapshot file list**.
4. Shows **Snapshot preview window**.

PLEASE NOTE:

- The snapshot(s) stored in the computer's cache memory and will be deleted automatically after the program window is closed.

10. On Screen Display



1. Click on the 'Device, Display, Language' icon to activate configuration window on the right.
2. Click on the 'Display' tab.
3. Check the marker to Show/Hide system clock in the main Display Window.
4. Check the marker to Show/Hide camera name in the main Display Window.
5. Name each camera by inputting the details in the text boxes.
6. Press the 'Save' button to save and activate 'Display' changes.
7. The 'Camera Display Window' details will be displayed here.

11. Language



1. Click on the 'Device, Display, Language' icon to activate the configuration window on the right.
2. Click on the 'Language' tab.
3. Click on flag icon to select the preferred language. Select the language that matches with the one currently used by your Windows OS.

12. Registration



1. Click on the 'About, Registration' icon.
2. Click on 'Registration' from drop down list, this will open the 'Registry' dialogue window.
3. Find the 'Registration Name / Registration code' label on the original Installation CD.
4. Put in 'Registration Name / Registration code' in the relevant fields in the window.
5. Click on 'Registry' to register.

13. Troubleshooting

To use this Troubleshooting table, check the software's 'Status Bar' to see its current status.

Problem	Possible Causes	Solution
(USB) Device does not exist	Incompatible computer operating system	Upgrade operation system to Windows XP (SP1 recommend) or VISTA.
	Receiver connection problem	Unplug the 5V DC power adapter and AV cable from the receiver, then use the USB connection only to power up the receiver.
	Software and Receiver installed in the wrong sequence.	Software and driver should be installed PRIOR to plugging in USB receiver. 1. Unplug receiver from USB 2. Exit software 3. Plug in receiver and wait for few seconds allowing Windows locate the receiver device. 4. Click on software icon to launch.
Software picks up image from PC or laptop system camera.	(USB) device set up wrongly.	Set USB device as 'Digital Wireless Camera'. See 'Setup - Pairing Camera' section as a guide.
No image shows in 'Camera Display Window' (No Connection)	Camera not powered.	Check camera power connection.
	Camera and Receiver not paired.	Pair receiver and camera, see 'Device Setup - Pairing Camera' section as a guide.
	Wrong Channel is picked up.	Use [Camera Selection Bar] to pick up the paired camera.
	Service range exceeded or bad reception	Bring camera closer to receiver; reposition camera and receiver antenna and secure it firmly to have better reception. Keep camera/receiver away from big scale metal or brick piece, wifi router or microwave oven to have better reception.
Blurry image	Resolution sets low	Go to 'Security Setup', click on 'Record' tab, set 'Format' to 640x480.
Camera viewing area partially disappears	Zoom In mode is activated	Press 'Zoom Out' icon to have full screen display. See 'Basic Operation' section as a guide.

13. Troubleshooting

Problem	Possible Causes	Solution
Image missing from TV or Monitor	USB / AV Alternative	Choose image output either from AV (monitor/TV) OR USB.
Unreadable system message	Language selected incorrectly.	Only select language matching with Windows language version.
Motion Detection not working properly.	'Schedule Record' table set wrongly.	Software picks up specific camera at specific time segment as assigned in 'Schedule Record' table. See 'Security Setup - Record Schedule' section as a guide.
	Improper sensitivity level	Set proper sensitivity, smaller movements or further objects require higher sensitivity.
Video clip can not be played back using an other media player	Video codec (XVID) not installed	XVID decoder program is available on the installation CD. (Located in the folder 'software' and called 'video decoder.exe'. For a current XVID later codec version, please visit the official website at http://www.xvid.org
Image freezes in main Display Window	Restart Windows power management (power saving) mode	Switch out then back to same camera to refresh image.
	Restart any other System Resource Exclusive program	
	Change monitor resolution	
Program terminated after 1 hour.	Software not registered	See 'Registration' section to register software.

14. System Requirements

- 1GHz or faster Processor
- Microsoft Windows 7, Windows XP (with Service Pack 2 or 3) or Windows Vista
- 1GB of RAM recommend for Windows Vista
- 1.0GB of available Hard Drive space for recording
- Colour monitor with 16-bit colour Video Card
- 1024x768 monitor resolution at 96dpi or less
- Microsoft DirectX 9 compatible display driver
- CD drive
- USB Port 1.1 or above
- IQW200C Digital Wireless Camera and IQW200DVR Receiver kit with USB connectivity

Please Note

Recording Speed is dependant on the wireless connection quality.

TECHNICAL SUPPORT:

For Technical Support please contact your local distributor.

LIMITED WARRANTY:

This product is supplied with a 1 Year warranty. The Warranty excludes products that have been misused, (including accidental damage) and damage caused by normal wear and tear. In the unlikely event that you encounter a problem with this product, it should be returned to the place of purchase.